

Prerequisite Courses: *	Grade
<input type="checkbox"/> B CHEM 143/144 General Chemistry 1 (NW, QSR) _____	_____
<input type="checkbox"/> B PHYS 121 Mechanics (NW, QSR) _____	_____
<input type="checkbox"/> B PHYS 122 Electromagnetism & Oscillating Motion (NW) _____	_____
<input type="checkbox"/> B ME 221 Statics _____	_____
<input type="checkbox"/> B ME 222 Mechanics of Materials _____	_____
<input type="checkbox"/> B ME 223 Dynamics _____	_____
<input type="checkbox"/> STMATH 124 Calculus I (NW, QSR) _____	_____
<input type="checkbox"/> STMATH 125 Calculus II (NW, QSR) _____	_____
<input type="checkbox"/> STMATH 126 Calculus III (NW) _____	_____
<input type="checkbox"/> STMATH 324 Multivariable Calculus** _____	_____
<input type="checkbox"/> STMATH 307 Differential Equations** (NW) _____	_____
<input type="checkbox"/> B WRIT 134 Composition or B WRIT 132 & 133 Composition Stretch I & II _____	_____

- *A minimum 2.0 is required for all prerequisite courses (a 3.0 or higher is recommended and repeats suggested if more than one prerequisite course is below 3.0).
- ** Course may be in-progress at time of application.

General Education and Areas of Knowledge (+ courses count towards major prerequisites)

Writing Requirement – 15 credits	Natural World (NW) – 15 credits
<input type="checkbox"/> +B WRIT 134 Composition or B WRIT 132 & 133 _____	<input type="checkbox"/> +STMATH 124 Calculus I _____
<input type="checkbox"/> +B WRIT 135 Research Writing _____	<input type="checkbox"/> +STMATH 125 Calculus II _____
<input type="checkbox"/> B ME 481 The Citizen Engineer (taken in major)	<input type="checkbox"/> +B PHYS 121 Mechanics _____

Visual, Literary, Performing Arts (VLPA) – 15 credits	Individuals & Societies (I&S) – 15 credits
<input type="checkbox"/> Discovery Core _____	<input type="checkbox"/> Discovery Core _____
<input type="checkbox"/> B ME 315 Intro to 3D Modeling (taken in major)	<input type="checkbox"/> B ME 481 The Citizen Engineer (taken in major)
<input type="checkbox"/> BIS 121 Intro to Drawing – strongly recommended	<input type="checkbox"/> B ME 494 Innovation, Design and Entrepreneurship (taken in major)

Quantitative & Symbolic Reasoning (QSR) – 5 cr	Diversity (DIV) – 3 credits
<input type="checkbox"/> +STMATH 124 Calculus I _____	<input type="checkbox"/> B ME 481 The Citizen Engineer (taken in major)

A W Sp Su 20	A W Sp Su 20	A W Sp Su 20	A W Sp Su 20
Course/Requirement	Course/Requirement	Course/Requirement	Course/Requirement
1	1	1	1
2	2	2	2
3	3	3	3
(4)	(4)	(4)	(4)

Applying to Mechanical Engineering

(Subject to change. Please check with your advisor)

Program Information:

Additional Courses offered to Pre-Major Students *These courses are graduation requirements and are not needed to apply to the ME program.

- CSS 112 Introduction to Programming for Scientific Applications
- B PHYS 123 Waves
- ST MATH 390 Probability and Statistics in Engineering

BIS 121 Intro to Drawing:

- This course is recommended for students to take because it can help students develop skills that can be used towards BME 315 (Intro to 3D Modeling). This recommended course is **not a requirement** but does help students develop their skills in free hand sketching, which is a skill that is reinforced in BME 315.

Winter Admission:

- Student who choose to apply for the Winter Admission and are accepted into the ME program will have to take summer classes to stay on track within the program. Please reflect on if you can commit to that expectation.

How to Apply:

- Current UWB students can apply online at this link:
<https://www.uwb.edu/mechanical/admissions>

Applications are Accepted for the Follow Quarters:

Quarter Start:	Application Opens:	Application Closes:	Pre-reqs In Progress
Autumn Start	Feb or TBD	May 1	ST Math 307 & ST Math 324
Winter Start	June 1	Oct 1	ST Math 307 & ST Math 324

Number of prerequisites that can be in progress at the time of application:

- STMATH 307 and STMATH 324 are the only prerequisites that may be in progress at time of application. All prerequisite courses must be completed with a minimum 2.0 GPA prior to starting the program.

Competitive Candidate Information:

- The Math, Science, and Engineering prerequisite GPA average is a 3.5; overall GPA is similar. This is expected to go up for future admission cycles.

Application Recommendations:

- Repeats suggested if more than one prerequisite course is below 3.0.
- Your personal statement should be no longer than 650 words and answer both questions below:
 1. Describe one or two of your core values. Make sure to include an adequate description of experiences that have helped you form and test those values. In addition, please relate your core values to the values, mission, and vision of UW Bothell (www.uwb.edu/about/vision).
 2. Describe why you are interested in earning a mechanical engineering degree both in general and more specifically at UW Bothell (make sure to check out our program website: www.uwb.edu/mechanical). This description should include discussion of (1) any relevant life experiences you may have had (e.g. employment, internships, military service, volunteer work, campus or civic activities, etcetera) and (2) your anticipated career as a mechanical engineer.